CLAIMS

What is claimed is:

- A method for increasing ease-of-use and bandwidth utilization in a wireless device 1 1. capable of accessing a communication network, comprising the steps of: 2
- sending environment information of the wireless device to a server on the 3 (a) communication network; 4

caching the identifiers for selection by the user.

- receiving identifiers from the server of the web sites most likely to be requested by a 5 (b) 6 user of the wireless device; and COUNTRY CUSCOC

 - The method of claim 1 farther including the step of providing local weather as the environment information
 - The method of claim 1 further/including the step of providing time and date as the 3 environment information.
 - The method of claim 1 further including the step of personalizing which identifiers 1 4 are pushed based on personalization information. 2
 - 5 The method of claim 1 further including the step of pre-fetching content from at least 1 2 one of the web sites indicated by the identifiers.

ı	0	The method of claim 1 further including the step of informing the user that the
2		identifiers have been received.
1	7	The method of claim 1 further including the step of displaying the identifiers on the
2		wireless device for selection by the user.
1	8	The method of claim 1 further including the step of using the identifiers for
² S	ub\	lookahead data entry.
= 1	Hb/9	The method of claim 1 further including the step of periodically sending the
		geographic location to the server.
	10	The method of claim 1 further including the step of receiving URLs as the
		identifiers.
	11	The method of claim 1 further including the step of receiving URL keywords as the
2		identifiers for speech recognition.
1	12	A system for increasing ease-of-use and bandwidth utilization in a wireless device
2		capable of accessing a communication network, comprising:
3	· means	for sending environment information of the wireless device to a server on the
4		communication network;
5	means	for receiving identifiers from the server of the web sites most likely to be requested

6		by a user of the wireless device; and
7	meai	ns for caching the dentifiers for selection by the user.
1 2	13	The system of claim 12 wherein the environment information comprises geographic location.
Sub	14	The system of claim 12 wherein the environment information comprises local weather.
1	15	The system of claim 12 wherein the environment information comprises time and
0 0 0 0 1 1 1 1		date.
<u>m</u> 1	16	The system of claim 12 further including means for personalizing which identifiers
- 日 2 以 日 日 日 1		are pushed based on personalization information.
[1	17	The system of claim 12 further including means for pre-fetching content from at leas
2		one of the web sites indicated by the identifiers.
1	18	The system of claim 12 further including means for informing the user that the
2		identifiers have been received.
1	19	The system of claim 12 wherein the identifiers are displayed on the wireless device
2		for selection by the user.

1	20	The system of claim 2 wherein the identifiers are used for lookahead data entry.
1	21	The system of claim 12 further including means for periodically sending the
2		geographic location to the server.
1	22	The system of claim 12 wherein the URLs are received as the identifiers.
1	23	The system of claim 12 wherein URL keywords are received as the identifiers for
2 5ub		speech recognition.
Pin Ao Will 2 H m 3	$\frac{1}{24}$	A computer-readable medium containing program instructions for increasing ease-
<u>U</u> 2		of-use and bandwidth utilization in a wireless device capable of accessing a
⊨ ∰ 3		communication network, the instructions for:
_ _ 4 U1	(a)	sending environment information of the wireless device to a server on the
14 15 15 16		communication network;
<u>□</u> 6	(b)	receiving identifiers from the server of the web sites most likely to be requested by a
7		user of the wireless device; and
8	(c)	caching the identifiers for selection by the user.
1	25	The computer-readable medium of claim 24 further including the instruction of
2		providing geographic location as the environment information.
1	26	The computer-readable medium of claim 24 further including the instruction of

2		providing local weather as the environment information.
1	27	The computer-readable medium of claim 24 further including the instruction of
2		providing time and date as the environment information.
1	28	The computer-readable medium of claim 24 further including the instruction of
2 Sl	lb 7	personalizing which identifiers are pushed based on personalization information.
1	29	The computer-readable medium of claim 24 further including the instruction of pre-
급 2 대		fetching content from at least one of the web sites indicated by the identifiers.
급 2 기 지 교 1 는 교 2		
# 1 # 1	30	The computer-readable medium of claim 24 further including the instruction of
		informing the user that the identifiers have been received.
	31	The computer-readable medium of claim 24 further including the instruction of
<u> </u>		displaying the identifiers on the wireless device for selection by the user.
· 1	32	The computer-readable medium of claim 24 further including the instruction of using
2		the identifiers for lookahead data entry.
		25
1	33	The computer-readable medium of claim 24 further including the instruction of
2		periodically sending the geographic location to the server.

1	34	The computed readable medium of claim 24 further including the instruction of
2		receiving URL as the identifiers.
1 .	35	The computer-readable medium of claim 24 further including the instruction of
2		receiving URL keywords as the identifiers for speech recognition.
Sub \	7	
120	36	A method for increasing ease-of-use and bandwidth utilization in a wireless device
3		capable of accessing a communication network, comprising the steps of:
4 🗖	(a)	sending a geographic-location of the wireless device to a server on the
·		communication network;
₩ 6	(b)	receiving identifiers from the server of the web sites most likely to be requested by
口 5 0 0 0 6 以 7 0		user of the wireless device; and
* 8 ***********************************	(c)	caching the identifiers for selection by the user.
	37	The method of claim 36 further including the step of pre-fetching content from at
2 2		least one of the web sites indicated by the identifiers.
1	38	The method of claim 36 further including the step of informing the user that the
2		identifiers have been received.
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1	39	The method of claim 36 further including the step of displaying the identifiers on the
2		wireless device for selection by the user

1	40	The method of claim 36 further including the step of using the identifiers for
2		lookahead data entry.
1	41	The method of claim 36 further including the step of periodically sending the
2		geographic location to the server.
Sub	42	The method of claim 36 further including the step of receiving URLs as the
2)0 /	<i>,</i>	identifiers.
1	43	The method of claim 36 further including the step of receiving URL keywords as the
2		identifiers for speech recognition.
	44	A system for increasing ease-of-use and bandwidth utilization in a wireless device
2		capable of accessing a communication network, comprising:
3	means	for sending a geographic location of the wireless device to a server on the
4		communication network;
5	means	for receiving identifiers from the server of the web sites most likely to be requested
6		by a user of the wireless device; and
7	means	for caching the identifiers for selection by the user
1	45	The system of claim 44 further including means for pre-fetching content from at leas
2		one of the web sites indicated by the identifiers.
	1 2 1 2 1 2 3 4 5 6 7 1	1 41 2 1 43 2 1 44 2 3 means 4 5 means 6 7 means

1	46	The system of claim 44 further including means for informing the user that the
2		identifiers have been received.
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1	47	The system of claim 44 wherein the identifiers are displayed on the wireless device
2		for selection by the user.
1 84) A	48	The system of claim 44 wherein the identifiers are used for lookahead data entry.
1 [1	/49	The system of claim 44 further including means for periodically sending the
0 2 ···································		geographic location to the server.
2 2 3 1 1	50	The system of claim 44 wherein the URLs are received as the identifiers.
	51	The system of claim 44 wherein URL keywords are received as the identifiers for speech recognition.
□ 1	52	A computer-readable medium containing program instructions for increasing ease-
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		of-use and bandwidth utilization in a wireless device capable of accessing a
3		communication network, the instructions for:
4	(a)	sending a geographic location of the wireless device to a server on the
5		communication network;
6	(b)	receiving identifiers from the server of the web sites most likely to be requested by a
7		user of the wireless device; and

The computer-readable medium of claim 52 further including the instruction of pre-53 1 2 fetching content from at least one of the web sites indicated by the identifiers. 54 1 The computer-readable medium of claim 52 further including the instruction of 2 informing the user that the identifiers have been received. The computer-readable medium of claim 52 further including the instruction of 2 2 5 5 1 1 2 displaying the identifiers on the wireless device for selection by the user. 56 The computer-readable medium of claim 52 further including the instruction of using the identifiers for lookahead data entry. 57 The computer-readable medium of claim 52 further including the instruction of □ 2 □ periodically sending the geographic location to the server. 1 58 The computer-readable medium of claim 52 further including the instruction of 2 receiving URLs as the identifiers. 1 59 The computer-readable medium of claim 52 further including the instruction of 2 receiving URL keywords as the identifiers for speech recognition.

caching the identifiers for selection by the user.

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